

FEB 24 1982

DMS 2143



# DeSoto, Inc.

## MATERIAL SAFETY DATA SHEET

NPCA 1-

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP. 6/27/79

## Section I

DeSoto, Inc.

Administrative and Research Center

1700 SOUTH MT. PROSPECT ROAD, DES PLAINES, ILLINOIS 60018

EMERGENCY TELEPHONE 312-391-9000

PRODUCT CLASS Polyester

MANUFACTURERS CODE IDENTIFICATION

TRADE NAME

821-T-209 Polyurethane Abrasion Resistant  
Coating DN-7622 White, DPM 5359-7622 deleted  
Superseded to DMS 2143

## Section II - HAZARDOUS INGREDIENTS

| INGREDIENT  | PERCENT | TLV |                   | LEL | VAPOR PRESSURE |
|---|---------|-----|-------------------|-----|----------------|
|   |         | PPM | mg/M <sup>3</sup> |     |                |
| Ethyl Acetate   | 32.7    | 400 | 1400              | 1.0 | 7.2mm          |
| Butyl Acetate   | 8.7     | 150 | 710               | 1.7 | 8              |
| Methyl Isobutyl Ketone - Skin   | 8.6     | 100 | 410               | 1.4 | 15             |
| <p><b>CONFIDENTIAL INFORMATION</b></p> <p>THIS INFORMATION IS CONFIDENTIAL AND IS THE PROPERTY OF DeSOTO, INC. IT IS DISCLOSED ONLY FOR THE PURPOSES REQUIRED BY LAW. NO OTHER USE OR DISCLOSURE IS AUTHORIZED.</p> |         |     |                   |     |                |
| NA = Not Applicable   |         |     |                   |     |                |

## Section III - PHYSICAL DATA

|                  |   |                            |  |   |
|------------------|---|----------------------------|--|---|
| BOILING RANGE    | 171-260°F.  | VAPOR DENSITY              | <input checked="" type="checkbox"/> HEAVIER. | <input type="checkbox"/> LIGHTER THAN AIR |
| EVAPORATION RATE | 77-127°C  | PERCENT VOLATILE BY VOLUME | 68.1   | WEIGHT PER GALLON                         |
|                  | <input type="checkbox"/> FASTER <input checked="" type="checkbox"/> SLOWER THAN ETHER |                            |  | 9.8 lbs.                                  |

## Section IV - FIRE AND EXPLOSION HAZARD DATA

|                     |   |             |                   |     |       |
|---------------------|---|-------------|-------------------|-----|-------|
| DOT CATEGORY        | Red Label-Flammable Liquid  | FLASH POINT | 31°F.             | LEL | See I |
|                     | OSHA Flammable - Class 1B   |             | 0°C. (Closed cup) |     |       |
| EXTINGUISHING MEDIA | Use National Fire Protection Association Class B extinguishers (Carbon dioxide, dry chemical or foam) |             |                   |     |       |

UNUSUAL FIRE AND EXPLOSION HAZARDS Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces.

SPECIAL FIRE FIGHTING PROCEDURES Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat. If water is used fog, nozzles are preferable.

BOE-C6-0190169

## Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See II (Not Established for Product)

EFFECTS OF OVEREXPOSURE Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma. Others as noted in Sec. IX

Skin or Eye Contact: Primary Irritation.

EMERGENCY AND FIRST AID PROCEDURES Inhalation: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Skin Contact: Wash affected areas with water. Remove contaminated clothing. Consult a physician. Eye Contact: Flush with water for 15 minutes. Consult a physician.

## Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

Products of combustion are hazardous.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

## Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools.

WASTE DISPOSAL METHOD Dispose in accordance with local, state and federal regulations. Incinerate in approved facility. Do not incinerate closed containers.

## Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION In outdoor or open areas use NIOSH approved mechanical filter respirator.

In restricted ventilation areas use NIOSH approved chemical-mechanical filters.

In confined areas use NIOSH approved air line type respirators or hoods.

VENTILATION Where employees may be exposed, provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients in Section II below recommended (ACGIH) or regulated (OSHA) limit. Where employees will not be exposed, keep LEL in Section II below 25% of limit.

PROTECTIVE GLOVES Recommended; ☒ Required

EYE PROTECTION Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT Prevent prolonged skin contact with contaminated clothing.

## Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Do not store above 120°F. Store large quantities in buildings designed and protected for storage of flammable liquids.

OTHER PRECAUTIONS Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquid in excess of a few inches. Do not sand, flame cut, braze or weld without NIOSH approved respirator or appropriate ventilation. Observe container precautionary label warnings.

Prepared by: *R. A. Peck*